GOVERNMENT OF ANDHRA PRADESH

ABSTRACT

FISHERIES Department – Regulation on the Usage of banned Antibiotics in Aquaculture – Constituting a District Level Committees and Task Force Committees to take action on the sale of Veterinary Grade and banned Antibiotics in Aqua culture in the State – Orders- Issued.

ANIMAL HUSBANDRY, DAIRY DEVELOPMENT AND FISHERIES (FISH) DEPARTMENT

G.O.MS.No. 2 Dated: 11-01-2017

Read the following:-

1. D.O Lr. No. 11/16/2015-EP (MP) Dated: 18.08.2015 & 01.02.2016 of the Secretary, Dept., of Commerce, Govt. of India.
2. Lr. No. /P1/2016 Dated: .10.2016 of the Commissioner of Fisheries, Govt., of A.P, Vijayawada
3. Review Meeting conducted by the Chief Secretary, Govt. of A.P., and Hon'ble Minister for Fisheries on 19.10.2016 & 25.10.2016
4. Food Safety and Standards (Contaminants, Toxins and Residues Regulations, 2011).

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ORDER:

The Government of Andhra Pradesh has identified Fisheries Sector as an important 'Growth Engine' for economic generation to the new state under Primary Sector. The **Aqua Production is the Key Performance Indicators of Growth Engine**. Due to the greater potentiality for aqua culture for fish, shrimp etc., the Department of Fisheries has been conducting Capacity Building Programmes, Workshops, Meetings, Training programmes, interactions etc., to create awareness on the SOPs & BMPs among the shrimp farmers & other stakeholders to enhance Production & Productivity besides promoting sustainable culture practices in the State.

2. The use of antibiotics in Aquaculture is strictly prohibited as their use may result in development of pathogens resistant to such drugs and the transfer of these pathogens into human beings & also the residue might result in development of resistance to pathogens in human body.

3. Serious concerns over the instances of detections of antibiotic residues that can jeopardize Indian Shrimp exports have been revised by authorities of Union and State governments and they have emphasised the importance of control measures to prevent rejection of consignments from our state. They further desired strict monitoring of use of Antibiotic in aqua farming by Fisheries Department involving other departments like Food Safety, Drugs Control, MPEDA etc. The Sea Food Exporters Association of India (SEAI) have also requested for immediate action to curb the problem of antibiotic residues in shrimp.

4. The Export Inspection Council (EIC), the body authorised to keep checks on marine product exports from the country, has also expressed concern over contamination of Feed/ Feed supplements used in aquaculture farming with antibiotics like Nitrofuran and Chloramphenicol and these are available at the local market without any proper check. There is "No" control whatsoever on the Feeds/Feed supplements by any specific Govt., regulatory thereby some unscrupulous traders have been taking the advantage of the situation to mix antibiotics in aqua products as feed supplements.

5. The Coastal Aquaculture Authority, banned 20 antibiotics/ pharmacologically active substances and the notified the maximum permissible Residual levels (Annexure-III and IV) for use in shrimp culture. CAA also imposed regulation to register all aquaculture inputs free from antibiotics. So far, a total of 654 products from 95 Manufacturers/ Distributors have been registered as antibiotic-free under 8 categories (Feed additive, Pro-biotics, Larval feed, Adult feed, Chemicals, Disinfectant, Immune-stimulants and Drugs). The list hosted in their website www.caa.gov.in.

6. Recently, the European Commission vide decision (E U) 2016/1774 of 4th October, 2016 has decided to enhance sampling plan as:

"Member States shall, by using appropriate sampling plans, ensure that official Samples are taken from at least 50 % of consignments presented for import at border inspection posts on their territory. In Case a consignment consists of aquaculture products from more than one establishment of origin samples shall be taken for each individual establishment"

7. Due to this, new strict measures there is likelihood of rejection of more consignments of shrimp exported to E U.

8. It is globally recognized as an emerging Public Health threat as Antibiotics are becoming increasingly ineffective against disease causing bacteria. Antibiotic misuse & overuse accelerates Antibiotic Resistance (ABR) in human beings and animals. Indiscriminate usage leads to biomagnifications of antibiotic residues and resistant bacteria into human beings through direct contact.

9. In view of the above, the Commissioner of Fisheries, A.P has submitted proposal to the Government to constitute **District Level Committees & Task Force Committees** to undertake stringent measures to curtail the usage of Banned Antibiotics in Aquaculture.

10. After careful examination of the proposal of the Commissioner of Fisheries, Govt. of A.P in light of the above issues, the Government is hereby constitutes **District Level Committees & Task Force Committees** as given in the Annexures I&II.

11. In addition to the functions mentioned in the Annexure-II, the Task Force Committee (TFC) will also attend following functions:-

1. The Task Force Committee is authorised to make frequent raids/random checks on all shops, Manufacturing units/ companies and suppliers of Drugs, Pro-biotics, Chemicals, Feeds/Feed supplements, Farms, Hatcheries etc., and verify and take action on the un-authorised possession of the products

2. TFC should ensure that CAA registered products are alone sold in Aqua Shops

3. TFC should ensure that the Aqua shops not to sell veterinary grade products and encourage Aqua grade Drugs registered with CAA only.

4. TFC should take random samples from different Aqua shops and send the sealed samples to Drugs Control Authority and Food Safety Departments/ any other Govt. Institute for analysis & report for taking further action.

5. TFC should inspect whether proper labelling is made on the product with information, such as, name of the product, Net weight of the product , Composition , Date of manufacture, Date of Expiry, Maximum Retail Price of the product etc.,

6. If found any Veterinary Grade / Banned aqua products, TFC shall seize the same and impose penalty of Rs 25,000/- as first offence.

7. In case of violation for second time, the defaulter is liable for penalty of Rs 50,000/-, cancellation of the License of the Aqua shop and prosecution.

8. To send proposals for establishment of Quality Control Laboratories to conduct screening tests for Antibiotic Residues in tissues of aqua products.

9. TFC to conduct awareness & campaigns among the stakeholders on the impact of indiscriminate usage of Antibiotics in Aquaculture

10. TFC should create awareness among the manufacturers/suppliers/ Marketers/ aqua shops to get their products registered with CAA

12. The Commissioner of Fisheries, Andhra Pradesh, Vijayawada shall take necessary action in the matter, accordingly.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

Dr. MANMOHAN SINGH
SPECIAL CHIEF SECRETARY TO GOVERNMENT

To
The Commissioner of Fisheries, Andhra Pradesh, Vijayawada.
All District Collectors with a request to take immediate necessary action at the earliest.
The Joint Collectors-II of (13) Districts, Andhra Pradesh.
The District Fisheries Officers through Commissioner of Fisheries, Andhra Pradesh, Vijayawada.

Copy to:
The Director General of Police, Govt. of Andhra Pradesh.
The Principal Secretary, Home Department, Govt. of Andhra Pradesh.
The Director General, Drugs Control Administration, Govt of Andhra Pradesh, Drugs Control Bhawan, Vengalrao Nagar, Hyderabad-5000036.
The Director, Institute of Preventive Medicine, Public (Health) Lab and Food (Health) Administration, Govt of Andhra Pradesh,
The Chairman, Marine Products Export Development Authority, Min Commerce & Industries , Govt. of India.
The Commissioner of Health & family Welfare, Govt. of Andhra Pradesh
The Secretary, Food Processing Dept, Govt. of Andhra Pradesh
The Superintendent of Police/ Commissioner of Police, (13 Districts), Govt. of Andhra Pradesh.
The Finance (EBS.II) Department.
The Member Secretary, Coastal Aquaculture Authority, Chennai.
The Secretary, Sea Food Exports Association of India, Visakhapatnam/Kochi.
The Exports Inspection Council of India, Govt. of India, New Delhi.
The P.S. to Minister (Agri. AH, DD & F)
The P.S to Special Chief Secretary to Govt., AH, DD & F Dept.,
SF / SC

//FORWARDED::BY ORDER//

SECTION OFFICER

ANNEXURE-I

DISTRICT LEVEL COMMITTEE – CONSTITUTION & FUNCTION

S.No	Composition of DLC	Designation	Role
1	Joint Collector-II	Chairman	Conduct regular meetings with the DLC members, supervise , action & report etc.,
2	District Fisheries Officer/ ADF/FDO`s of concerned District	Member Secretary	Convene meetings, inspection, raids, sampling, reports, awareness camps etc.,
3	District Officer of Drug Control Authority	Member	Raids, sampling, sealing of the samples, sending for analysis, report, Action etc.,
4	District Officer of Food Safety Dept.	Member	Raids, sampling, sealing of the samples, sending for analysis, report, Action etc.,
5	Representative from Revenue Department (nominated of the Joint Collector-II)	Member	Assisting Fisheries, Drug control Authorities, Food Safety officers etc.
6	Representative from Police Department (nominee of Superintendent of Police)	Member	Law & Order , Public Nuisance etc.,
7	Representative from MPEDA/ NacSA	Member	Conduct awareness camps/ workshops, Convene meetings, inspection, raids, sampling, reports etc.,
8	Stakeholders (Aqua farmer/ Hatchery Operator/ Feed Plant Operator/ Exporter/Marketer/ Aqua shop Assn. etc	Member (2-3)	Participatory approach in implementation of the decisions taken by DLC

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ANNEXURE-II

TASK FORCE COMMITTEE - CONSTITUTION & FUNCTION

S.No	Composition of TFC	Designation	Role
1	ADF/FDO`s of concerned Jurisdiction	Head of TFC	Convene meetings, inspection, raids, sampling, reports, awareness camps etc.,
2	Drug Inspector (As nominated by the District Officer, Drug Control Dept.)	Member	Raids, sampling, sealing of the samples, sending for analysis, report, Action etc.,
3	Food Inspector (As nominated by the District Officer, Food Safety Dept.)	Member	Raids, sampling, sealing of the samples, sending for analysis, report, Action etc.,
4	Representative from Revenue Department	Member	Assisting Fisheries, Drug control Authorities, Food Safety officers etc.
5	Representative from Police Department	Member	Law & Order , Public Nuisance etc.,
6	Representative from MPEDA/ NacSA	Member	Conduct awareness camps/ workshops, Convene meetings, inspection, raids, sampling, reports etc.,
7	Stakeholders (Aqua farmer/ Hatchery Operator/ Feed Plant Operator/ Exporter/Marketer/ Aqua shop Assn. etc	Member (2-3)	Participatory approach in implementation of the decisions taken by DLC

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ANNEXURE-III

List of Antibiotics and other pharmacologically active substances banned for using in shrimp aquaculture

Sl. No.	Antibiotics and other Pharmacologically Active Substances
1	Chloramphenicol
2	Nitrofurans including: Furaltadone, Furazolidone, Furylfuramide, Nifuratel, Nifuroxime, Nifurprazine, Nitrofurantoin, Nitrofurazone
3	Neomycin
4	Nalidixic acid
5	Sulphamethoxazole
6	Aristolochia spp and preparations thereof
7	Chloroform
8	Chlorpromazine
9	Colchicine
10	Dapsone
11	Dimetridazole
12	Metronidazole
13	Ronidazole
14	Ipronidazole
15	Other nitroimidazoles
16	Clenbuterol
17	Diethylstilbestrol (DES)
18	Sulfonamide drugs (except approved Sulfadimethoxine, Sulfabromomethazine and Sulfaethoxypyridazine)
19	Fluroquinolones
20	Glycopeptides

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ANNEXURE-IV

Maximum Permissible Residual Levels for Fish and Fishery Products

S.No.	Substance	Maximum Permissible (ppm)
A	**Antibiotics and other Pharmacologically Active Substances**	
1	Tetracycline	0.1
2	Oxytetracycline	0.1
3	Trimethoprim	0.05
4	Oxolinic acid	0.3
B	**Substances having anabolic effect and unauthorised substances**	
1	Stilbenes, stilbene derivatives and their salts and esters.	Nil
2	Steroids	Nil
C.	**Veterinary drugs**	
1	Antibacterial substances, including quinolones	Nil
2	Ante helminitic	Nil
D.	**Other substances and environmental contaminants**	
1	Organochlorone compounds including PcBs	Nil
2	Mycotoxins	Nil
3	Dyes	Nil
4	Dioxins	4 picogram per gram, fresh weight
E.	**Pesticides**	
1	BHC	0.3
2	Aldrin	0.3
3	Dieldrin	0.3
4	Endrin	0.3
5	DDT	5.0
F.	**Heavy Metals**	
1	Mercury	1.0
2	Cadmium	3.0
3	Arsenic	75
4	Lead	1.5
5	Tin	250
6	Nickel	80
7	Chromium	12

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